

2006-2008 Apache-Navajo-Gila Counties¹ Occupational Projections

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
00-0000	Total, All Occupations	70,493	73,814	3,321	4.71%	1,691	1,833	3,524
11-0000	Management Occupations	4,211	4,373	162	3.85%	84	72	156
11-1000	Top Executives	1,128	1,171	43	3.81%	22	19	40
11-1011	Chief Executives	165	170	5	3.03%	3	3	6
11-1021	General and Operations Managers	833	870	37	4.44%	19	14	33
11-1031	Legislators	130	131	1	0.77%	1	2	2
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	184	193	9	4.89%	5	3	7
11-2022	Sales Managers	86	94	8	9.30%	4	2	6
11-3000	Operations Specialties Managers	511	531	20	3.91%	10	9	19
11-3011	Administrative Services Managers	170	176	6	3.53%	3	3	6
11-3021	Computer and Information Systems Managers	54	57	3	5.56%	2	1	3
11-3031	Financial Managers	162	167	5	3.09%	3	2	5
11-9000	Other Management Occupations	2,388	2,478	90	3.77%	48	42	90
11-9011	Farm, Ranch, and Other Agricultural Managers	71	79	8	11.27%	4	1	5
11-9021	Construction Managers	305	323	18	5.90%	9	5	14
11-9032	Education Administrators, Elementary and Secondary School	230	237	7	3.04%	4	5	9
11-9051	Food Service Managers	198	210	12	6.06%	6	3	9
11-9071	Gaming Managers	67	69	2	2.99%	1	1	2
11-9081	Lodging Managers	268	286	18	6.72%	9	4	13
11-9111	Medical and Health Services Managers	201	214	13	6.47%	7	4	10
11-9141	Property, Real Estate, and Community Association Managers	171	169	-2	-1.17%	0	3	3
11-9151	Social and Community Service Managers	117	124	7	5.98%	4	2	6
11-9199	Managers, All Other	541	547	6	1.11%	3	10	13
13-0000	Business and Financial Operations Occupations	1,775	1,851	76	4.28%	39	31	69
13-1000	Business Operations Specialists	821	864	43	5.24%	22	14	36
13-1022	Wholesale and Retail Buyers, Except Farm Products	74	76	2	2.70%	1	2	3
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	53	55	2	3.77%	1	1	2
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	77	83	6	7.79%	3	2	5
13-1051	Cost Estimators	131	139	8	6.11%	4	3	7
13-1073	Training and Development Specialists	88	91	3	3.41%	2	1	3
13-1111	Management Analysts	87	91	4	4.60%	2	1	3
13-1199	Business Operations Specialists, All Other	131	140	9	6.87%	5	2	7
13-2000	Financial Specialists	954	987	33	3.46%	17	17	34

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
13-2011	Accountants and Auditors	649	674	25	3.85%	13	12	24
13-2021	Appraisers and Assessors of Real Estate	97	100	3	3.09%	2	2	4
13-2052	Personal Financial Advisors	54	57	3	5.56%	2	1	2
15-0000	Computer and Mathematical Occupations	593	626	33	5.56%	17	7	24
15-1000	Computer Specialists	578	609	31	5.36%	16	7	22
15-1021	Computer Programmers	50	50	0	0.00%	0	1	1
15-1041	Computer Support Specialists	180	187	7	3.89%	4	2	6
15-1051	Computer Systems Analysts	51	53	2	3.92%	1	1	2
15-1071	Network and Computer Systems Administrators	59	64	5	8.47%	3	1	3
15-1099	Computer Specialists, All Other	106	114	8	7.55%	4	1	5
17-0000	Architecture and Engineering Occupations	394	416	22	5.58%	11	8	19
17-2000	Engineers	180	191	11	6.11%	6	4	9
17-2051	Civil Engineers	53	54	1	1.89%	1	1	2
17-3000	Drafters, Engineering, and Mapping Technicians	188	197	9	4.79%	5	4	9
17-3023	Electrical and Electronic Engineering Technicians	85	89	4	4.71%	2	2	4
19-0000	Life, Physical, and Social Science Occupations	342	360	18	5.26%	9	8	17
19-3000	Social Scientists and Related Workers	228	242	14	6.14%	7	6	13
19-3021	Market Research Analysts	118	127	9	7.63%	5	3	8
19-3031	Clinical, Counseling, and School Psychologists	63	66	3	4.76%	2	2	3
19-4000	Life, Physical, and Social Science Technicians	60	63	3	5.00%	2	2	3
21-0000	Community and Social Services Occupations	1,620	1,679	59	3.64%	30	25	55
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	1,561	1,618	57	3.65%	29	24	53
21-1012	Educational, Vocational, and School Counselors	178	186	8	4.49%	4	4	8
21-1021	Child, Family, and School Social Workers	144	151	7	4.86%	4	2	6
21-1022	Medical and Public Health Social Workers	680	690	10	1.47%	5	10	15
21-1023	Mental Health and Substance Abuse Social Workers	50	57	7	14.00%	4	1	4
21-1091	Health Educators	51	54	3	5.88%	2	1	3
21-1092	Probation Officers and Correctional Treatment Specialists	134	138	4	2.99%	2	2	4
21-1093	Social and Human Service Assistants	202	213	11	5.45%	6	3	9
21-2000	Religious Workers	59	61	2	3.39%	1	1	2
23-0000	Legal Occupations	249	258	9	3.61%	5	3	7
23-1000	Lawyers, Judges, and Related Workers	204	210	6	2.94%	3	3	6
23-1011	Lawyers	163	168	5	3.07%	3	2	5
25-0000	Education, Training, and Library Occupations	5,781	5,999	218	3.77%	109	113	222
25-1000	Postsecondary Teachers	382	393	11	2.88%	6	7	13
25-1199	Postsecondary Teachers, All Other	265	271	6	2.26%	3	6	9
25-2000	Primary, Secondary, and Special Education School Teachers							
		3,714	3,865	151	4.07%	76	76	152

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
25-2011	Preschool Teachers, Except Special Education	185	200	15	8.11%	8	2	10
25-2012	Kindergarten Teachers, Except Special Education	144	151	7	4.86%	4	2	5
25-2021	Elementary School Teachers, Except Special Education	1,701	1,768	67	3.94%	34	33	67
25-2022	Middle School Teachers, Except Special and Vocational Education	503	519	16	3.18%	8	10	18
25-2031	Secondary School Teachers, Except Special and Vocational	779	808	29	3.72%	15	21	35
25-2032	Vocational Education Teachers, Secondary School	107	110	3	2.80%	2	3	5
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	124	131	7	5.65%	4	3	6
25-2042	Special Education Teachers, Middle School	50	52	2	4.00%	1	1	2
25-2043	Special Education Teachers, Secondary School	94	98	4	4.26%	2	2	4
25-3000	Other Teachers and Instructors	175	182	7	4.00%	4	2	6
25-3099	Teachers and Instructors, All Other	108	111	3	2.78%	2	1	3
25-4000	Librarians, Curators, and Archivists	246	253	7	2.85%	4	7	10
25-4021	Librarians	118	119	1	0.85%	1	3	3
25-4031	Library Technicians	75	77	2	2.67%	1	3	4
25-9000	Other Education, Training, and Library Occupations	1,264	1,306	42	3.32%	21	22	43
25-9031	Instructional Coordinators	75	77	2	2.67%	1	1	2
25-9041	Teacher Assistants	1,180	1,220	40	3.39%	20	21	41
27-0000	Arts, Design, Entertainment, Sports, and Media	683	711	28	4.10%	14	8	22
27-1000	Art and Design Workers	94	99	5	5.32%	3	1	4
27-3000	Media and Communication Workers	507	527	20	3.94%	10	7	17
27-3031	Public Relations Specialists	150	157	7	4.67%	4	2	6
27-3091	Interpreters and Translators	289	300	11	3.81%	6	3	9
29-0000	Healthcare Practitioners and Technical Occupations	3,423	3,689	266	7.77%	133	60	193
29-1000	Health Diagnosing and Treating Practitioners	2,164	2,343	179	8.27%	90	39	129
29-1021	Dentists, General	60	66	6	10.00%	3	1	4
29-1031	Dietitians and Nutritionists	52	56	4	7.69%	2	2	4
29-1051	Pharmacists	78	84	6	7.69%	3	2	5
29-1069	Physicians and Surgeons, All Other	98	109	11	11.22%	6	1	7
29-1071	Physician Assistants	64	71	7	10.94%	4	1	5
29-1111	Registered Nurses	1,250	1,351	101	8.08%	51	23	74
29-1123	Physical Therapists	63	67	4	6.35%	2	1	3
29-1126	Respiratory Therapists	118	127	9	7.63%	5	4	8
29-1127	Speech-Language Pathologists	56	58	2	3.57%	1	2	3
29-1199	Health Diagnosing and Treating Practitioners, All Other	161	177	16	9.94%	8	3	11
29-2000	Health Technologists and Technicians	1,184	1,266	82	6.93%	41	20	61
29-2011	Medical and Clinical Laboratory Technologists	88	93	5	5.68%	3	3	5
29-2012	Medical and Clinical Laboratory Technicians	56	59	3	5.36%	2	2	3

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
29-2021	Dental Hygienists	52	59	7	13.46%	4	1	4
29-2034	Radiologic Technologists and Technicians	131	138	7	5.34%	4	2	6
29-2041	Emergency Medical Technicians and Paramedics	64	67	3	4.69%	2	1	2
29-2052	Pharmacy Technicians	108	122	14	12.96%	7	2	9
29-2055	Surgical Technologists	58	63	5	8.62%	3	1	3
29-2061	Licensed Practical and Licensed Vocational Nurses	297	310	13	4.38%	7	6	13
29-2071	Medical Records and Health Information Technicians	154	167	13	8.44%	7	2	9
29-9000	Other Healthcare Practitioners and Technical Occupations	75	80	5	6.67%	3	2	4
31-0000	Healthcare Support Occupations	1,684	1,839	155	9.20%	78	25	102
31-1000	Nursing, Psychiatric, and Home Health Aides	1,128	1,232	104	9.22%	52	14	66
31-1011	Home Health Aides	319	356	37	11.60%	19	4	23
31-1012	Nursing Aides, Orderlies, and Attendants	806	873	67	8.31%	34	10	43
31-9000	Other Healthcare Support Occupations	518	566	48	9.27%	24	10	34
31-9091	Dental Assistants	124	134	10	8.06%	5	4	9
31-9092	Medical Assistants	227	255	28	12.33%	14	4	18
31-9094	Medical Transcriptionists	71	76	5	7.04%	3	2	4
31-9099	Healthcare Support Workers, All Other	69	74	5	7.25%	3	1	4
33-0000	Protective Service Occupations	2,892	2,969	77	2.66%	39	83	122
33-1000	First-Line Supervisors/Managers, Protective Service Workers	727	759	32	4.40%	16	26	42
33-1011	First-Line Supervisors/Managers of Correctional Officers	59	62	3	5.08%	2	2	3
33-1021	First-Line Supervisors/Managers of Fire Fighting and	564	589	25	4.43%	13	22	35
33-2000	Fire Fighting and Prevention Workers	87	91	4	4.60%	2	2	4
33-2011	Fire Fighters	84	88	4	4.76%	2	2	4
33-3000	Law Enforcement Workers	969	991	22	2.27%	11	21	32
33-3051	Police and Sheriff's Patrol Officers	283	293	10	3.53%	5	7	12
33-9000	Other Protective Service Workers	1,109	1,128	19	1.71%	10	34	44
33-9031	Gaming Surveillance Officers and Gaming Investigators	204	210	6	2.94%	3	5	8
33-9032	Security Guards	773	781	8	1.03%	4	18	22
35-0000	Food Preparation and Serving Related Occupations	7,622	8,040	418	5.48%	209	356	565
35-1000	Supervisors, Food Preparation and Serving Workers	832	873	41	4.93%	21	23	43
35-1011	Chefs and Head Cooks	94	98	4	4.26%	2	4	6
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	738	775	37	5.01%	19	19	38
35-2000	Cooks and Food Preparation Workers	2,640	2,764	124	4.70%	62	111	173
35-2011	Cooks, Fast Food	568	608	40	7.04%	20	23	43
35-2012	Cooks, Institution and Cafeteria	582	583	1	0.17%	1	23	24
35-2014	Cooks, Restaurant	325	349	24	7.38%	12	13	25
35-2015	Cooks, Short Order	89	94	5	5.62%	3	4	6
35-2021	Food Preparation Workers	1,075	1,129	54	5.02%	27	49	76

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
35-3000	Food and Beverage Serving Workers	3,427	3,636	209	6.10%	105	191	295
35-3011	Bartenders	487	513	26	5.34%	13	19	32
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,577	1,675	98	6.21%	49	86	135
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	159	166	7	4.40%	4	17	20
35-3031	Waiters and Waitresses	1,103	1,172	69	6.26%	35	65	99
35-3041	Food Servers, Nonrestaurant	101	110	9	8.91%	5	5	9
35-9000	Other Food Preparation and Serving Related Workers	723	767	44	6.09%	22	32	54
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	226	239	13	5.75%	7	10	17
35-9021	Dishwashers	357	382	25	7.00%	13	17	30
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	138	144	6	4.35%	3	5	8
37-0000	Building and Grounds Cleaning and Maintenance Occupations	3,475	3,658	183	5.27%	92	69	161
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	369	385	16	4.34%	8	7	15
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	280	293	13	4.64%	7	6	13
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	89	92	3	3.37%	2	1	3
37-2000	Building Cleaning and Pest Control Workers	2,676	2,828	152	5.68%	76	53	129
37-2011	Janitors and Cleaners, Except Maids and Housekeeping	1,392	1,469	77	5.53%	39	26	65
37-2012	Maids and Housekeeping Cleaners	1,281	1,356	75	5.85%	38	27	64
37-3000	Grounds Maintenance Workers	430	445	15	3.49%	8	10	17
37-3011	Landscaping and Groundskeeping Workers	429	444	15	3.50%	8	10	17
39-0000	Personal Care and Service Occupations	4,418	4,665	247	5.59%	124	136	260
39-1000	Supervisors, Personal Care and Service Workers	1,211	1,258	47	3.88%	24	25	49
39-1011	Gaming Supervisors	669	699	30	4.48%	15	14	29
39-1012	Slot Key Persons	483	500	17	3.52%	9	10	19
39-1021	First-Line Supervisors/Managers of Personal Service Workers	59	59	0	0.00%	0	2	2
39-3000	Entertainment Attendants and Related Workers	1,901	2,023	122	6.42%	61	81	142
39-3011	Gaming Dealers	1,145	1,225	80	6.99%	40	49	89
39-3012	Gaming and Sports Book Writers and Runners	418	440	22	5.26%	11	18	29
39-3019	Gaming Service Workers, All Other	188	201	13	6.91%	7	8	14
39-3091	Amusement and Recreation Attendants	56	59	3	5.36%	2	2	4
39-3099	Entertainment Attendants and Related Workers, All Other	53	56	3	5.66%	2	2	4
39-5000	Personal Appearance Workers	126	127	1	0.79%	1	3	3
39-5012	Hairdressers, Hairstylists, and Cosmetologists	79	80	1	1.27%	1	2	2

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
39-6000	Transportation, Tourism, and Lodging Attendants	335	355	20	5.97%	10	9	19
39-6021	Tour Guides and Escorts	311	329	18	5.79%	9	9	18
39-9000	Other Personal Care and Service Workers	779	832	53	6.80%	27	18	44
39-9011	Child Care Workers	317	331	14	4.42%	7	9	16
39-9021	Personal and Home Care Aides	307	337	30	9.77%	15	5	20
39-9032	Recreation Workers	102	108	6	5.88%	3	3	6
41-0000	Sales and Related Occupations	6,169	6,393	224	3.63%	115	278	392
41-1000	Supervisors, Sales Workers	949	982	33	3.48%	17	16	32
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	910	940	30	3.30%	15	15	30
41-2000	Retail Sales Workers	4,437	4,614	177	3.99%	89	246	334
41-2011	Cashiers	2,605	2,690	85	3.26%	43	169	211
41-2012	Gaming Change Persons and Booth Cashiers	116	119	3	2.59%	2	8	9
41-2021	Counter and Rental Clerks	204	205	1	0.49%	1	10	10
41-2022	Parts Salespersons	107	109	2	1.87%	1	4	5
41-2031	Retail Salespersons	1,405	1,491	86	6.12%	43	57	100
41-3000	Sales Representatives, Services	297	295	-2	-0.67%	0	6	6
41-3011	Advertising Sales Agents	108	108	0	0.00%	0	2	2
41-3021	Insurance Sales Agents	86	85	-1	-1.16%	0	2	2
41-3099	Sales Representatives, Services, All Other	78	78	0	0.00%	0	2	2
41-4000	Sales Representatives, Wholesale and Manufacturing	241	258	17	7.05%	9	6	15
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	60	64	4	6.67%	2	2	4
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	181	194	13	7.18%	7	5	11
41-9000	Other Sales and Related Workers	245	244	-1	-0.41%	1	5	6
41-9021	Real Estate Brokers	129	130	1	0.78%	1	3	3
41-9022	Real Estate Sales Agents	74	75	1	1.35%	1	2	2
43-0000	Office and Administrative Support Occupations	9,235	9,500	265	2.87%	153	222	375
43-1000	Supervisors, Office and Administrative Support Workers	781	814	33	4.23%	17	15	32
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	781	814	33	4.23%	17	15	32
43-2000	Communications Equipment Operators	113	112	-1	-0.88%	0	3	3
43-2011	Switchboard Operators, Including Answering Service	93	92	-1	-1.08%	0	3	3
43-3000	Financial Clerks	1,964	2,029	65	3.31%	33	55	87
43-3011	Bill and Account Collectors	99	108	9	9.09%	5	2	7
43-3021	Billing and Posting Clerks and Machine Operators	268	277	9	3.36%	5	4	9
43-3031	Bookkeeping, Accounting, and Auditing Clerks	929	958	29	3.12%	15	17	31
43-3041	Gaming Cage Workers	287	297	10	3.48%	5	19	24
43-3051	Payroll and Timekeeping Clerks	148	151	3	2.03%	2	4	5

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
43-3061	Procurement Clerks	99	100	1	1.01%	1	3	3
43-3071	Tellers	134	138	4	2.99%	2	8	10
43-4000	Information and Record Clerks	2,636	2,736	100	3.79%	55	62	117
43-4031	Court, Municipal, and License Clerks	122	128	6	4.92%	3	3	6
43-4051	Customer Service Representatives	1,067	1,112	45	4.22%	23	16	38
43-4061	Eligibility Interviewers, Government Programs	63	64	1	1.59%	1	2	2
43-4071	File Clerks	89	84	-5	-5.62%	0	3	3
43-4081	Hotel, Motel, and Resort Desk Clerks	324	347	23	7.10%	12	17	28
43-4111	Interviewers, Except Eligibility and Loan	151	159	8	5.30%	4	4	8
43-4151	Order Clerks	201	203	2	1.00%	1	5	6
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	56	57	1	1.79%	1	1	2
43-4171	Receptionists and Information Clerks	413	433	20	4.84%	10	11	21
43-4199	Information and Record Clerks, All Other	58	57	-1	-1.72%	0	1	1
43-5000	Material Recording, Scheduling, Dispatching, and Distributing	1,107	1,110	3	0.27%	13	36	49
43-5031	Police, Fire, and Ambulance Dispatchers	125	130	5	4.00%	3	3	5
43-5032	Dispatchers, Except Police, Fire, and Ambulance	94	96	2	2.13%	1	2	3
43-5041	Meter Readers, Utilities	61	57	-4	-6.56%	0	2	2
43-5052	Postal Service Mail Carriers	65	59	-6	-9.23%	0	2	2
43-5053	Postal Service Mail Sorters, Processors, and Processing	104	95	-9	-8.65%	0	3	3
43-5071	Shipping, Receiving, and Traffic Clerks	137	145	8	5.84%	4	3	7
43-5081	Stock Clerks and Order Fillers	379	385	6	1.58%	3	19	22
43-6000	Secretaries and Administrative Assistants	1,528	1,566	38	2.49%	20	26	46
43-6011	Executive Secretaries and Administrative Assistants	583	606	23	3.95%	12	10	22
43-6013	Medical Secretaries	157	171	14	8.92%	7	3	10
43-6014	Secretaries, Except Legal, Medical, and Executive	756	755	-1	-0.13%	0	13	13
43-9000	Other Office and Administrative Support Workers	1,106	1,133	27	2.44%	17	25	42
43-9011	Computer Operators	61	57	-4	-6.56%	0	2	2
43-9061	Office Clerks, General	909	941	32	3.52%	16	20	36
45-0000	Farming, Fishing, and Forestry Occupations	362	373	11	3.04%	6	9	15
45-2000	Agricultural Workers	226	235	9	3.98%	5	7	11
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	172	179	7	4.07%	4	6	9
45-4000	Forest, Conservation, and Logging Workers	123	124	1	0.81%	1	2	3
45-4022	Logging Equipment Operators	69	70	1	1.45%	1	1	2
47-0000	Construction and Extraction Occupations	5,849	6,214	365	6.24%	183	103	286
47-1000	Supervisors, Construction and Extraction Workers	465	493	28	6.02%	14	7	21
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	465	493	28	6.02%	14	7	21
47-2000	Construction Trades Workers	4,407	4,702	295	6.69%	148	72	220

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
47-2021	Brickmasons and Blockmasons	56	59	3	5.36%	2	1	2
47-2022	Stonemasons	77	84	7	9.09%	4	1	5
47-2031	Carpenters	1,161	1,251	90	7.75%	45	17	62
47-2051	Cement Masons and Concrete Finishers	231	247	16	6.93%	8	5	13
47-2061	Construction Laborers	1,192	1,261	69	5.79%	35	15	50
47-2071	Paving, Surfacing, and Tamping Equipment Operators	57	61	4	7.02%	2	1	3
47-2073	Operating Engineers and Other Construction Equipment	370	393	23	6.22%	12	9	21
47-2081	Drywall and Ceiling Tile Installers	100	107	7	7.00%	4	2	6
47-2082	Tapers	56	58	2	3.57%	1	1	2
47-2111	Electricians	265	275	10	3.77%	5	5	10
47-2141	Painters, Construction and Maintenance	161	171	10	6.21%	5	2	7
47-2152	Plumbers, Pipefitters, and Steamfitters	150	157	7	4.67%	4	4	7
47-2181	Roofers	153	166	13	8.50%	7	4	10
47-3000	Helpers, Construction Trades	262	274	12	4.58%	6	12	18
47-3013	Helpers--Electricians	165	170	5	3.03%	3	7	10
47-4000	Other Construction and Related Workers	548	575	27	4.93%	14	9	23
47-4011	Construction and Building Inspectors	58	60	2	3.45%	1	1	2
47-4051	Highway Maintenance Workers	283	297	14	4.95%	7	4	11
47-5000	Extraction Workers	167	170	3	1.80%	2	4	6
49-0000	Installation, Maintenance, and Repair Occupations	3,163	3,286	123	3.89%	63	68	130
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	246	258	12	4.88%	6	6	12
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	246	258	12	4.88%	6	6	12
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	262	273	11	4.20%	7	4	11
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	153	161	8	5.23%	4	3	7
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	898	931	33	3.67%	17	23	39
49-3021	Automotive Body and Related Repairers	91	92	1	1.10%	1	2	2
49-3023	Automotive Service Technicians and Mechanics	348	361	13	3.74%	7	9	16
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	133	140	7	5.26%	4	4	7
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	151	153	2	1.32%	1	3	4
49-3093	Tire Repairers and Changers	88	91	3	3.41%	2	5	6
49-9000	Other Installation, Maintenance, and Repair Occupations	1,757	1,824	67	3.81%	34	36	69
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	111	115	4	3.60%	2	2	4
49-9041	Industrial Machinery Mechanics	265	273	8	3.02%	4	5	9
49-9042	Maintenance and Repair Workers, General	917	959	42	4.58%	21	16	37

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
49-9052	Telecommunications Line Installers and Repairers	88	91	3	3.41%	2	3	4
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	66	66	0	0.00%	0	2	2
49-9098	Helpers--Installation, Maintenance, and Repair Workers	112	114	2	1.79%	1	4	5
51-0000	Production Occupations	2,044	2,138	94	4.60%	49	49	98
51-1000	Supervisors, Production Workers	169	180	11	6.51%	6	3	9
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	169	180	11	6.51%	6	3	9
51-2000	Assemblers and Fabricators	114	120	6	5.26%	4	3	6
51-2092	Team Assemblers	65	71	6	9.23%	3	2	5
51-3000	Food Processing Workers	171	182	11	6.43%	6	4	10
51-3021	Butchers and Meat Cutters	79	83	4	5.06%	2	2	4
51-4000	Metal Workers and Plastic Workers	393	416	23	5.85%	12	11	22
51-4051	Metal-Refining Furnace Operators and Tenders	63	66	3	4.76%	2	2	3
51-4121	Welders, Cutters, Solderers, and Brazers	156	169	13	8.33%	7	5	11
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	50	51	1	2.00%	1	2	2
51-4199	Metal Workers and Plastic Workers, All Other	54	58	4	7.41%	2	1	3
51-6000	Textile, Apparel, and Furnishings Workers	182	187	5	2.75%	3	5	8
51-6011	Laundry and Dry-Cleaning Workers	106	110	4	3.77%	2	3	5
51-7000	Woodworkers	116	122	6	5.17%	3	4	7
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	58	63	5	8.62%	3	2	5
51-8000	Plant and System Operators	231	235	4	1.73%	2	5	7
51-8021	Stationary Engineers and Boiler Operators	122	124	2	1.64%	1	2	3
51-8031	Water and Liquid Waste Treatment Plant and System Operators	77	79	2	2.60%	1	3	4
51-9000	Other Production Occupations	653	680	27	4.13%	15	16	31
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators,	90	93	3	3.33%	2	3	4
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	105	108	3	2.86%	2	3	4
51-9196	Paper Goods Machine Setters, Operators, and Tenders	93	98	5	5.38%	3	2	5
51-9198	Helpers--Production Workers	129	136	7	5.43%	4	4	8
53-0000	Transportation and Material Moving Occupations	4,509	4,777	268	5.94%	135	104	238
53-1000	Supervisors, Transportation and Material Moving Workers	137	143	6	4.38%	3	3	6
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	102	107	5	4.90%	3	2	5
53-3000	Motor Vehicle Operators	1,817	1,923	106	5.83%	53	28	81
53-3022	Bus Drivers, School	611	634	23	3.76%	12	13	24
53-3031	Driver/Sales Workers	193	210	17	8.81%	9	3	12
53-3032	Truck Drivers, Heavy and Tractor-Trailer	606	641	35	5.78%	18	9	27

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³
53-3033	Truck Drivers, Light or Delivery Services	263	284	21	7.98%	11	2	13
53-3041	Taxi Drivers and Chauffeurs	86	91	5	5.81%	3	1	3
53-4000	Rail Transportation Workers	1,078	1,190	112	10.39%	56	25	81
53-4031	Railroad Conductors and Yardmasters	500	569	69	13.80%	35	13	47
53-6000	Other Transportation Workers	232	236	4	1.72%	3	8	11
53-6021	Parking Lot Attendants	155	154	-1	-0.65%	0	5	5
53-7000	Material Moving Workers	1,230	1,270	40	3.25%	20	39	59
53-7032	Excavating and Loading Machine and Dragline Operators	110	114	4	3.64%	2	3	5
53-7051	Industrial Truck and Tractor Operators	78	82	4	5.13%	2	2	4
53-7061	Cleaners of Vehicles and Equipment	168	168	0	0.00%	0	7	7
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	583	608	25	4.29%	13	22	35
53-7064	Packers and Packagers, Hand	84	90	6	7.14%	3	2	5
53-7081	Refuse and Recyclable Material Collectors	106	106	0	0.00%	0	3	3

¹ Occupational projections data for these geographically contiguous rural counties were combined. Such regional data files require less confidentiality suppression than some of the rural county files by themselves and thus provide more data for those respective areas.

² For more information on the Standard Occupational Classification (SOC) system, go to: www.bls.gov/soc/socguide.htm
For Occupational Dictionary, see: http://www.bls.gov/oes/current/oes_stru.htm

³ Total average annual openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.
Some occupation data suppressed due to confidentiality or base employment less than 50.

Prepared by Arizona Dept of Commerce, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics, January 2008.

Headings in bold font are the major occupational groups of the Standard Occupational Classification (SOC) system.
Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.

Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.
Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.
It is therefore recommended that these data be used with other sources of occupational information.

[See Notes worksheet for additional information on methodology.](#)

Standard Occupation Classification (SOC) ²		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2006 Estimated	2008 Projected	Number	Percent	Due to Growth	Due to Separations	Total ³

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>

Methodology

Before using the data in this report, readers should understand this methodology and note its limitations. **The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.**

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

The total occupational employment of the forecast will be greater than the total nonfarm employment estimated by the Current Employment Statistics (CES) program and Occupational Employment Survey (OES) program for the following reasons. First, self employed, unpaid family workers, and agriculture workers are included in the projections, but not in CES and OES. Next, some industries are not included in the OES data because of low survey response rate and a base employment level that is too small to make any statistically significant estimates.

Employment projections provided in this publication were developed in cooperation with and using techniques based on those developed by the U.S Department of Labor's Bureau of Labor Statistics. This methodology is comprised of five basic steps:

- 1) Industry employment data is compiled from CES and unemployment insurance tax records.
- 2) A fraction of the industry employment is assumed to be self employed or unpaid family workers. The fraction is determined from national surveys and is added to the state's industry employment data.
- 3) Staffing patterns from state and national data are used to divide each industry's total employment into the different occupations for that industry.
- 4) Each industry's total employment is calculated during the forecast period according to the short term industry projections for the same time period that were produced by Research Administration. The short term industry projections are available online at:
<http://www.workforce.az.gov/?PAGEID=67&SUBID=174>
- 5) Total employment in any occupation is not only calculated by changes in the total industry employment, but also by changes in share of that occupation's employment in each industry. The change in the share of total industry employment of any occupation is known as the occupational change factor. When the occupational change factor is determined for each occupation in every industry, the occupational forecasts are finished.

To avoid the possible disclosure of confidential employer information, employment data have been suppressed if: less than three firms reported a single occupation; one firm reported more than 50 percent of the occupational estimate; or two firms combined reported more than 75 percent of the occupational estimate. In certain cases, releases may have been obtained from large employers to waive the confidentiality criteria.